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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 275.00)

## Complete if Known

Application Number	10/786,451
Filing Date	02/24/04
First Named Inventor	Tilton, Charles L.
Examiner Name	Unknown
Art Unit	2836
Attorney Docket No.	ISR-193

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 0)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20** =	<input type="text"/>	X	<input type="text"/>	<input type="text"/>
Independent Claims	<input type="text"/>	-3** =	<input type="text"/>	X	<input type="text"/>	<input type="text"/>
Multiple Dependent					<input type="text"/>	<input type="text"/>

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	65.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	210.00
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 275.00)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Paul A. Knight	Registration No. (Attorney/Agent)	53,144	Telephone	(509)232-343
Signature		Date	9-13-04		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Invention: **Etched Open Microchannel** )  
**Spray Cooling** )  
Attorney Docket No. : **ISR-193** )  
Serial No.: **10/786,451** )  
Filed: **02/24/2004** )  
Inventor: **Tilton, Charles L.** )  
Examiner: **Unknown** )  
Group Art Unit: **2836** )  
Attorney/Agent: **Paul A. Knight** )

To: **Mail Stop Missing Parts**  
**Commission of Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

Dear Sir:

**A. SURCHARGE PURSANT TO 37 CFR 1.16(e)**

Pursuant to the *Notice to File Missing Parts of Nonprovisional Application* mailed on 05/18/2004, the applicant has include the appropriate fee of \$65.00 as set forth in 37 CFR 1.16(e) in compliance with 37 CFR 1.27.

**B. PETITION AND FEE FOR EXTENSION OF TIME (37 CFR 1.136(a))**

1. This is a petition for an extension of time for a total of one (2) months to file a Declaration signed by the inventor(s) in response to the *Notice to File Missing Parts of Non-Provisional Application* mailed on 05/18/2004. The granting of this extension will extend the response time until 09/18/2004.

2. Applicant is a small entity.

3. Calculation of the extension fee (37 CFR 1.17(a)-(d)):

<u>Extension Time</u>	<u>Fee (Small Entity)</u>
<input type="checkbox"/> One Month	\$55.00
<input checked="" type="checkbox"/> Two Months	\$210.00
<input type="checkbox"/> Three Months	\$475.00

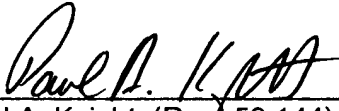
4. The appropriate fee amount has been included in the enclosed payment. Authorization has been provided by the enclosed Fee Transmittal to charge any insufficient payment to the credit card as described by the enclosed Credit Card Payment Form number PTO-2038.

**B. SIGNED DECLARATION**

The *Notice to File Missing Parts of Nonprovisional Application* stated that the original nonprovisional application included an unsigned declaration. Please find enclosed a Declaration signed by the inventor(s). The application has further included a copy of the *Notice to File Missing Parts of Nonprovisional Application* as required.

Any questions regarding this matter may be directed to the attorney/agent of record, Paul A. Knight, at (509) 232-3437.

Respectfully submitted,



Paul A. Knight (Reg. 53,144)  
2118 North Molter Road  
Liberty Lake, WA 99109

9-13-04

Date

Telephone: (509) 232-3437  
Fax: (509) 444-1083  
e-mail: pknight@spraycool.com



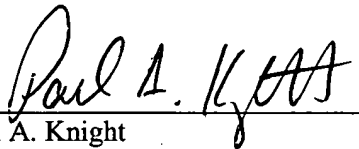
Docket Number: ISR-193

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with proper postage as First Class mail in an envelope addressed to:

**Mail Stop Missing Parts  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**

On September 13, 2004.

  
\_\_\_\_\_  
Paul A. Knight

9-13-04  
Date

Isothermal Systems Research, Inc.  
2218 North Molter Road  
Liberty Lake Wa, 99019

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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/786,451	02/24/2004	Charles L. Tilton	ISR-193

Paul A. Knight  
 2218 North Molter Road  
 Liberty Lake, WA 99019



CONFIRMATION NO. 4916

## FORMALITIES LETTER



\*OC000000012700316\*

Date Mailed: 05/18/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

09/17/2004 AWONDAF1 00000133 10786451

01 FC:2051 65.00 0P

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY